

WHAT IS CLAIMED IS:

1. An active control type mounting bushing device for a vehicle,
comprising:

a mounting bushing for coupling a sub-frame to a front side member;

5 a motor forcibly pivoting a part of said mounting bushing for changing the
shape and hardness of a rubber packed inside said mounting bushing;

a steering angle measuring sensor; and

a controller controlling said motor according to the steering angle measured
through said steering angle measuring sensor.

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2. The device of claim 1, wherein said mounting bushing is composed of:

an outer pipe made of steel and inserted into said sub-frame;

an inner pipe inserted into said outer pipe and pivotally coupled to said front
side member via a bearing;

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a rubber packed between said outer pipe and said inner pipe; and

a core shaft inserted inside said inner pipe for pivoting said inner pipe and
pivoted via said motor.

3. The device of claim 2, wherein said rubber is spiral-shaped.

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4. The device of claim 3, wherein said mounting bushing is installed at
said sub-frame where the spiral shape of said rubber is placed in opposite directions of
each other at both sides of the vehicle.

5. The structure of claim 1, wherein said motor is a step motor.